#6 RS 2644

9-10-02

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Christine Sherwood

Signature

Applicant	:	Wilf Le Blanc et al.
Application No.	:	09/697,777
Filed	:	October 26, 2000
Title	:	VOICE AND DATA EXCHANGE OVER A PACKET BASED NETWORK WITH COMFORT NOISE GENERATION
Grp./Div.	:	2644
Examiner	:	To be Assigned
Docket No.	:	39542/PAN/B600

INFORMATION DISCLOSURE STATEMENT
37 CFR § 1.97(b)

Post Office Box 7068
Pasadena, CA 91109-7068
August 21, 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the listed references are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By _____

Peter A. Nichols
Reg. No. 47,822
626/795-9900

PAN/cks
Enclosures: PTO/SB/08A/B, w/98 references
Attachment to IDS
CKS PAS455660.1 * 8/21/02 11:44 AM

PATENT

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ATTACHMENT TO
INFORMATION DISCLOSURE STATEMENT
OF U.S. PATENT APPLICATIONS TO BE CONSIDERED BY THE EXAMINER
BUT NOT TO BE PRINTED ON THE PATENT

The following commonly owned, co-pending patent applications contain similar subject matter as the present application.

PENDING APPLICATIONS		
U.S. Serial No.	Filing Date	First Named Inventor(s)
09/639,527	August 16, 2000	Jordan James Nicol
09/493,458	January 28, 2000	Henry Li
09/643,920	August 23, 2000	Onur Tackin et al.
09/692,554	October 19, 2000	Wilf Le Blanc et al.
09/644,586	August 23, 2000	Henry Li
09/643,921	August 23, 2000	Wilf Le Blanc et al.
09/653,261	August 31, 2000	Onur Tackin et al.
09/654,376	September 1, 2000	Onur Tackin
09/533,022	March 22, 2000	Wilf Le Blanc et al.
09/651,006	August 29, 2000	Kenny C. Kwan
09/522,184	March 9, 2000	Henry Li et al.
EXAMINER		DATE CONSIDERED

FORM PTO/SB/08A/B (10-01)
Substitute for PTO-1449A/B

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Attorney Docket Number	**39542/PAN/B600**
Application Number	09/697,777
Filing Date	October 26, 2000
Applicant(s)	Wilf Le Blanc et al.
Group Art Unit	2644
Examiner Name	To be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.[1]	DOCUMENT NUMBER Number - kind code[2] (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
		4,285,060	08-18-1981	Cobb et al.
		4,617,676	10-14-1986	Jayant et al.
		5,119,322	06-02-1992	Stroobach
		5,329,587	07-12-1994	Morgan et al.
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		5,852,630	12-22-1998	Langberg et al.

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		5,859,671	01-12-1999	Kim
		5,970,441	10-19-1999	Mekuria
		5,987,061	11-16-1999	Chen
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		6,028,679	02-22-2000	Murphy
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		6,151,636	11-21-2000	Schuster et al.
		6,233,226 B1	05-15-2001	Gringeri et al.
		6,259,677 B1	07-10-2001	Jain

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4]- Kind Code[5] (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T[6] (✓)
		WO 97/26753 A1	07-24-1997	I-Link Worldwide, Inc.	
		WO 97/28628 A1	08-07-1997	Labs of Advanced Technologies International Corporation	

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OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		R. W. LUCKY, *QAM Receiver I. General Description of Complete Receiver Block Diagram and Details of the Symbol Clock Recovery and Other Front-End Subsystems*, Applications of Communications Theory, Chapter 13, pages 127-135, Bellcore
		R. W. LUCKY, *QAM Receiver II. The Passband Adaptive Equalizer and Carrier Recovery System*, Applications of Communications Theory, Chapter 14, Pages 137-151, Bellcore
		EDWARD A. LEE et al., *Adaptive Equalization*, Digital Communication, Chapter 9, pages 371-402
		EDWARD A. LEE et al., *Timing Recovery*, Digital Communication, Chapter 15, Pages 560-582
		WILLIAM WEBB et al., *Basic Equaliser Techniques*, Modern Quadrature Amplitude Modulation, Principles and Applications for Fixed and Wireless Communications, IEEE Press, New York, Chapter 7, Pages 197-211
		MIKE GRAY, *FAX Technology Tutorial and Testing Issues*, Agilent Technologies, © 2000, pages 1-20
		FAX Over IP Opportunities and Options, Natural MicroSystems, 7 sheets
		EIA/TIA-464-B, Requirements for Private Branch Exchange (PBX) Switching Equipment, "6 Signaling Requirements, 6.1 Network Signaling - Analog," pages 140-146
		MAN MOHAN SONDHI et al., *Silencing Echoes on the Telephone Network*, Proceedings of the IEEE, © August 1980, Vol. 68, No. 8, pages 948-963
		JOHN G. PROAKIS, *Digital Signaling Over a Channel With Intersymbol Interference*, Digital Communications, ISBN 0-07-05097-1, © 1983, Pages 357-381, McGraw-Hill, Inc.
		BELL COMMUNICATIONS RESEARCH, *Dual-Tone Multifrequency Receiver Generic Requirements for End-to-End Signaling Over Tandem-Switched Voice Links*, © March 1987, Technical Reference TR-TSY-000181 Issue 1, 11 sheets
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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B **INFORMATION DISCLOSURE** **STATEMENT BY APPLICANT** (use as many sheets as necessary)	**Attorney Docket Number**	**39542/PAN/B600**
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	Group Art Unit	2644
	Examiner Name	To be Assigned

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		BELL COMMUNICATIONS RESEARCH, *Digit Simulation Test Tape*, Technical Reference TR-TSY-000763 Issue 1, © July 1987, 6 sheets
		JOHN A.C. BINGHAM, *Timing Recovery*, The Theory and Practice of Modem Design, © 1988, Chapter 7, pages 189-236, John Wiley & Sons, Inc.
		JOHN A.C. BINGHAM, *Linear Adaptive Equalizers*, The Theory and Practice of Modem Design, © 1988, Chapter 8, pages 237-252, John Wiley & Sons, Inc.
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, Terminal Equipments, *Pulse Code Modulation (PCM) of Voice Frequencies*, ITU-T Recommendation, G. 711; © ITU1988, 1993; 8 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Transmission Systems and Media, Apparatus Associated With Long-Distance Telephone Circuits and Other Terminal Equipments, *Echo Suppressors*, ITU-T Recommendation, G. 164; © ITU 1988, 1993; 36 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, Terminal Equipments, *7 kHz Audio -Coding Within 64 Kbit/s*, ITU Recommendation; G. 722; © ITU 1988, 1993; 76 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Recommendations On Telephone Switching and Signalling, International Automatic and Semi-Automatic Working, *Technical Features of Push-Button Telephone Sets*, ITU-T Recommendation; Q 23; © ITU 1988, 1993, 4 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Recommendations on Telephone Switching and Signalling, International Automatic and Semi-Automatic Working, *Multifrequency Push-button Signal Reception*, ITU-T Recommendation, Q. 24, © ITU 1988, 1993, 7 sheets

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		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Data Communication Over the Telephone Network, *300 Bits Per Second Duplex Modem Standardized For Use in The General Switched Telephone Network*, ITU-T Recommendation V. 21; © ITU 1988, 1993; 7 sheets
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		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Data Communication Over the Telephone Network, *4800/2400 Bits Per Second Modem Standardized For Use in The General Switched Telephone Network*, ITU-T Recommendation, V.27 ter, © ITU 1988, 1993; 15 sheets
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		PAUL FISCHER, *State Machines In C*, The C Users Journal, December 1990, pages 119-122

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		INTERNATIONAL TELECOMMUNICATION UNION, CCITT The International Telegraph and Telephone Consultative Committee, Data Communication Over the Telephone Network, *Data Compression Procedures For Data Circuit Terminating Equipment (DCE) Using Error Correction Procedures,* ITU-T Recommendation, V.42 bis; © ITU 1990; 29 sheets
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		DENNIS R. MORGAN et al., AT & T Bell Laboratories; *A Multi-Tone Pseudo-Cascade Filtered-X LMS Adaptive Notch Filter,* Proceeding of the IEEE International Conference in Acoustic Speech and Signal Processing, ICASSP 91, Vol. 3 D, May 1991, Toronto, Ontario, Canada, pages 2093-2096

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		PANOS E. PAPAMICHALIS, Texas Instruments, Inc., *Practical Approaches to Speech Coding*, Prentice-Hall, Inc., Englewood Cliffs, New Jersey; 1992, pages 163-167
		JAMES THI et al., AT & T Bell Laboratories; *A Broadband Pseudo-Cascade Active Control System*, Proceeding of the IEEE International Conference in Acoustic Speech and Signal Processing; © 1992 IEEE; pp. II-233-II-236
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		INTERNATIONAL TELECOMMUNICATION UNION, Data Communication Over The Telephone Network, *A Family Of 2-Wire, Duplex Modems Operating At Data Signalling Rates Of Up To 9600 bit/s For Use On The General Switched Telephone Network And On Leased Telephone-Type Circuits*, ITU-T Recommendation V.32; © 1993; 26 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Data Communication Over the Telephone Network, ERROR-CORRECTING PROCEDURES FOR DCES USING ASYNCHRONOUS-TO-SYNCHRONOUS CONVERSION, ITU-T Recommendation V. 42; © ITU 1993; 78 sheets
		GARDNER et al.; Qualcomm Inc.; *QCELP: A Variable Rate Speech Coder for CDMA Digital Cellular*, © 1993 by Kluwer Academic Publishers; Second Printing 1995; 9 sheets

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		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU; Data Communication Over The Telephone Network, *A Modem Operating At Data Signalling Rates Of Up To 28 800 bit/s For Use On The General Switched Telephone Network And On Leased Point-To-Point 2-Wire Telephone-Type Circuits*, ITU-T Recommendation V.34; © ITU 1994; 43 sheets
		INTERNATIONAL TELECOMMUNICATION UNION ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, *Coding of Speech at 16 kbit/s Using Low-Delay Code Excited Linear Prediction*, Annex G: 16 kbit/s Fixed Point Specification, ITU-T Recommendation G.728 - Annex G; © ITU 1995; 67 sheets
		IEEE; IEEE Standards for Local and Metropolitan Area Networks: Supplement to Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications, "Media Access Control (MAC) Parameters, Physical Layer, Medium Attachment Units, and Repeater for 100 Mb/s Operation, Type 100BASE-T (Clauses 21-30); © 1995; 408 sheets
		DENNIS R. MORGAN et al., *A Delayless Subband Adaptive Filter Architecture*, IEEE Transactions on Signal Processing; Vol. 43, No. 8; © August 1995, pages 1819-1830
		Internet Papers: SCHULZRINNE H.; *RTP Profile for Audio and Video Conferences with Minimal Control*, Network Working Group Request for Comments: 1890; http://www.cis.ohio-state.edu/cgi-bin/rfc/rfc1890.html; January 1996; 15 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, General Aspects of Digital Transmission Systems, *Dual Rate Speech Coder For Multimedia Communications Transmitting at 5.3 and 6.3 kbit/s*; ITU-T Recommendation G. 723.1; © ITU 1996; 31 sheets
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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B **INFORMATION DISCLOSURE** **STATEMENT BY APPLICANT** (use as many sheets as necessary)	**Attorney Docket Number**	**39542/PAN/B600**
	Application Number	09/697,777
	Filing Date	October 26, 2000
	Applicant(s)	Wilf Le Blanc et al.
	Group Art Unit	2644
	Examiner Name	To be Assigned

OTHER DOCUMENTS

EXAMINER INITIALS	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T- Telecommunication Standardization Sector of ITU, Series T: Terminal Equipments and Protocols for Telematic Services, *Procedures for Document Facsimile Transmission in the General Switched Telephone Network,* ITU-T Recommendation T. 30; © ITU 1997; 74 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series T: Terminal Equipments and Protocols for Telematic Services, *Standardization of Group 3 Facsimile Terminals for Document Transmission,* ITU-T Recommendation T. 4; © ITU 1997; 61 sheets
		European Telecommunication Standard, *Digital Cellular Telecommunications System; Half Rate Speech; Voice Activity Detector (VAD) for Half Rate Speech Traffic Channels (GSM 06.42 version 5.0.1);* Source ETS; TC-GSM; Reference DE/SMG-110642Q; ©1997; 21 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T, Telecommunication Standardization Sector of ITU, Series I: Integrated Services Digital Network, Overall Network Aspects and Functions - Protocol Layer Requirements, *B-ISDN ATM Adaptation Layer Specification: Type 2 AAL,* ITU-T Recommendation I.363.2; © 1998; 47 sheets
		Internet Papers: PERKINS et al.; *RTP Payload for Redundant Audio Data;* Network Working Group Request for Comments: 2198; http://www.cis.ohio-state.edu/cgi-bin/rfc/rfc2198.html; September 1997; pages 1-9
		Internet Papers: SCHULZRINNE, "RTP Profile for Audio and Video Conferences with Minimal Control," Internet Engineering Task Force, Internet Draft; http://hegel.ittc.ukans.edu/topics/internet/internet-drafts/draft-i/draft-ietf-avt-profile-new-C..; November 20, 1997; pages 1-29
		IMTC Voice over IP Forum Technical Committee, "IMTC Voice over IP Forum Service Interoperability Implementation Agreement 1.0," December 1, 1997, VoIP97-061; pages 1-44

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		EDWARD B. MORGAN, Fax Over Packet; Telogy Networks, Inc., Germantown, Maryland; © 1998; pages 1-12
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series V: Data Communication Over The Telephone Network, *A Modem Operating at Data Signalling Rates of up to 33 600 bit/s for Use on the General Switched Telephone Network and on Leased Point-to-Point 2-Wire Telephone-Type Circuits*; ITU-T Recommendation V. 34; © ITU 1998; 78 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, SERIES T: TERMINALS FOR TELEMATIC SERVICES, *Procedures for Real Time Group 3 Facsimile Communication Over IP Networks*, ITU-T Pre-published Recommendation T. 38; © ITU 1998; 32 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series V: Data Communication Over the Telephone Network, Simultaneous Transmission of Data and Other Signals, *A Digital Modem and Analogue Modem Pair For Use on the Public Switched Telephone Network (PSTN) at Data Signalling Rates of up to 56 000 bit/s Downstream and up to 33 600 bit/s Upstream*, ITU-T Recommendation V. 90; © ITU 1999; 49 sheets
		FRAME RELAY FORUM TECHNICAL COMMITTEE, *Voice over Frame Relay Implementation Agreement*; © 1998; 54 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series I: Integrated Services Digital Network, Overall Network Aspects and Functions - Protocol Layer Requirements, *AAL Type 2 Service Specific Convergence Sublayer For Trunking*; ITU-T Recommendation I.366.2; © ITU 1999; 96 sheets

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		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Systems and Networks, *Automatic Level Control Devices*; ITU-T Recommendation G.169; © ITU 1999; pages 1-52
		Internet Papers: SCHULZRINNE et al.; *RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals*; Network Working Group Request for Comments: 2833; © The Internet Society 2000; 31 sheets
		INTERNATIONAL TELECOMMUNICATION UNION, ITU-T Telecommunication Standardization Sector of ITU, Series G: Transmission Systems and Media, Digital Systems and Networks, International Telephone Connections and Circuits - Apparatus Associated With Long-Distance Telephone Circuits, *Digital Network Echo Cancellers*; ITU-T Recommendation G. 168; © ITU 1997; 95 sheets
		ETSI EN 300 973, GLOBAL SYSTEM FOR MOBILE COMMUNICATIONS, *Digital cellular telecommunications system (Phase 2+); Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels*; GSM 06.42 version 8.0.1 Release 1999); © 2000; pages 1-22

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